

# **IMPROVED LIGHT GUIDE PANEL AND METHOD OF USE**

## **ABSTRACT**

A light guide panel is disclosed. The panel comprises a plate for dispersing light and at  
5 least one light-emitting diode (LED) coupled to the plate for providing the dispersed light.

When the panel is coupled to a keyboard, the at least one LED is under a portion of the  
keyboard such that when the at least one LED is illuminated, the light from the LED does not  
distract a user. Accordingly, by strategically placing LEDs within the panel and providing the  
LEDs under appropriate portions of the keyboard, the device utilizing the keyboard can be  
10 smaller than when a conventional light guide panel is utilized. In addition, a further  
improvement in illumination is provided when a mechanism is provided which reflects light  
escaping from the edges of the panel back into the panel.